Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Butler County, Iowa

Map symbol and soil name	Pond reservoir ar 	eas	Embankments, dikes, and levees			
	Rating class and limiting features		Rating class and limiting features			
L1B:	 		 		 	1
Colo	Somewhat limited Seepage 	 0.70	Very limited Depth to saturated zone	11.00	Somewhat limited Slow refill	 0.30
	, -	į			Cutbanks cave	0.10
Ely			 Somewhat limited Depth to saturated zone	0.43	Slow refill	10.30
	 -			0.24		0.25
27B:						
Terril					Very limited Deep to water 	11.00
11B: Sparta	 Very limited Seepage	 1.00	 Very limited Seepage		 Very limited Deep to water	 1.00
11C: Sparta	 Very limited	 	 Very limited	 	 Very limited	
	Seepage 	11.00	Seepage 	1.00	Deep to water 	1.00
11D: Sparta	Seepage		Seepage		 Very limited Deep to water 	 1.00
13:	 		 	 		1
Bremer	Somewhat limited Seepage 	 0.70	Depth to	11.00	Somewhat limited Slow refill	10.30
		į	Hard to pack		Cutbanks cave	0.10
GGC: Chelsea			 Somewhat limited Seepage		 Very limited Deep to water	1 1.00
33B:	 	i i	 	İ	. <u>.</u> 	İ
Kenyon			 Somewhat limited Piping			11.00
33C: Kenyon			 Somewhat limited Piping			1 1.00

Butler County, Iowa

Map symbol and soil name	Pond reservoir ar	eas		Embankments, dikes, and levees		ls
	Rating class and limiting features		Rating class and limiting features 			
3C2:			 		 	1
Kenyon			Somewhat limited			11.00
3D2:	 		 		 	
Kenyon	Seepage	 0.70 0.01	Piping	 0.50 	Very limited Deep to water 	11.00
4:						
Clyde	Seepage	11.00	Very limited Depth to saturated zone	11.00		0.10
			Piping	0.65	'	
8:	 		İ		 	
Nevin	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43		10.30
	 	 	Saturated zone 	•	 Deep to water Cutbanks cave	0.25 0.10
09C:		İ	 	İ	 	
Backbone	Very limited Seepage	11.00	 Somewhat limited Thin layer	10.86	 Very limited Deep to water	11.00
	Depth to bedrock	0.86	Seepage	0.09		
10B:]		 		 	
Lamont			Somewhat limited Seepage			11.00
10C:			 			
Lamont	-		Somewhat limited Seepage			11.00
18:	 		 		 	
Garwin	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone		Somewhat limited Slow refill	10.30
	 	 	saturated zone		 Cutbanks cave	0.10
19: Muscatine	 		 		 	
riuscatine	•	0.70	Depth to	0.43	•	10.30
	 	 	saturated zone	İ		10.25
					Cutbanks cave	0.10

Butler County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features		 Rating class and limiting features 			
20:			1			
Tama	Somewhat limited Seepage				 Very limited Deep to water	11.00
20B:			 		 	
Tama	Somewhat limited Seepage				Very limited Deep to water	11.00
33:			 		 	
Colo	Somewhat limited Seepage		Very limited Depth to		Somewhat limited Slow refill	10.30
		İ	saturated zone	İ	l	10.10
			 		Cucbanks cave	
35: Coland	 Verv limited		 Very limited		 Somewhat limited	1
	Seepage		Depth to	11.00	•	0.10
			saturated zone Piping	10.29	 	
			Seepage	0.09	 	1
50B:						İ
Hanska	Very limited Seepage				Very limited Cutbanks cave	11.00
			saturated zone Seepage	 0.93	 	1
			 -			į
51: Marshan	 Very limited		 Very limited		 Very limited	
	Seepage	11.00	Depth to saturated zone		Cutbanks cave	11.00
				0.95		į
52:			 		 	1
Marshan					Very limited Cutbanks cave	11.00
	beepage	11.00	saturated zone	İ	l	11.00
			Seepage 	0.95 	 	1
53:		į	 	į		į
Shandep	Very limited Seepage		Very limited Depth to	1.00	Very limited Cutbanks cave	11.00
	 		saturated zone Seepage	 0.95	 	1
	İ		Piping	0.19		į
62C:]		 		 	
Downs			Somewhat limited		Very limited Deep to water	11 00
	Seepage	0.70	Piping 	10.05	l peeb to water	11.00

Water Management

Butler County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes levees		Aquifer-fed excavated pond	ls
			Rating class and limiting features 			
.62C2:	i I	 	 	 	 	
Downs			Somewhat limited Piping		-	11.00
71: Bassett			 Somewhat limited Piping			1 1.00
71B: Bassett			 Somewhat limited Piping		=	1 1.00
71C2: Bassett			 Somewhat limited Piping		•	11.00
71D2: Bassett	Seepage		Piping			11.00
71F: Bassett	Seepage		 Somewhat limited Piping			11.00
73: Hoopeston	-	1 1.00		11.00	 Very limited Cutbanks cave 	1 1.00
73B: Hoopeston	 	 	 Very limited Depth to saturated zone	 1.00	 Very limited Cutbanks cave	0.01 1.00 0.01
74: Bolan			 Somewhat limited Seepage 			 1.00
74B: Bolan	 Very limited Seepage 	11.00	 Somewhat limited Seepage 		 Very limited Deep to water 	11.00
74C2: Bolan	 Very limited Seepage	11.00	 Somewhat limited Seepage		 Very limited Deep to water	 1.00

Butler County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes levees	, and	Aquifer-fed excavated pond	ls
			Rating class and limiting features 			
175: Dickinson	•		 Somewhat limited Seepage		_	 1.00
175B: Dickinson	•		 Somewhat limited Seepage		-	11.00
175C: Dickinson	. 4		 Somewhat limited Seepage			1 1.00
177: Saude			 Somewhat limited Seepage		•	1 1.00
177B: Saude	•		 Somewhat limited Seepage		-	11.00
177C: Saude	. 4		 Somewhat limited Seepage			1 1.00
178: Waukee			 Somewhat limited Seepage			1 1.00
78B: Waukee			 Somewhat limited Seepage			11.00
l84: Klinger		0.70	 Somewhat limited Depth to saturated zone	0.43		10.30
	 			0.05	 Deep to water Cutbanks cave 	0.25 0.10
198B: Floyd	 Very limited Seepage 	11.00	 Somewhat limited Piping Depth to saturated zone	0.98	Deep to water	 0.25 0.10

Butler County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes, and levees		Aquifer-fed excavated ponds	
			Rating class and limiting features			
201B:			[
Coland	Very limited Seepage 	1.00 	Depth to saturated zone	1.00 0.29	 	 0.10
Terril	- Somewhat limited Seepage		Somewhat limited Piping			11.00
213: Rockton				 0.89 0.86		11.00
213B: Rockton	 - Very limited Seepage Depth to bedrock	1.00			Deep to water	1 1.00
214B: Rockton	 - Very limited Seepage Depth to bedrock	11.00			Deep to water	1 1.00
214C: Rockton		1.00			Deep to water	1 1.00
14C2: Rockton	 - Very limited Seepage Depth to bedrock	1.00	Thin layer		Deep to water	11.00
221B: Palms	 - Very limited Seepage	1.00	 Very limited Depth to saturated zone	11.00	 Somewhat limited Cutbanks cave 	0.10
225: Lawler		1.00	 Somewhat limited Depth to saturated zone	0.43		1 1 1 1 1 1 1 1 1 1
	İ	İ	•		Deep to water	0.25

Water Management

Butler County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds 	
			Rating class and limiting features			
26:			 		 	
Lawler	. 4		Somewhat limited Depth to saturated zone	0.43	Cutbanks cave	 1.00
		İ	Seepage	0.43	Deep to water	0.25
41C2:						
Saude	· -		Somewhat limited Seepage			11.00
Burkhardt			Somewhat limited Seepage			11.00
41E2:	1		 		 	
Saude	Seepage		Somewhat limited Seepage 			11.00
Burkhardt	Seepage		 Somewhat limited Seepage 		· -	1 1.00
84: Flagler	· -		 Somewhat limited Seepage			1 1 1 1 1 1 1 1 1 1
84B:	 		 		 	
Flagler			Somewhat limited Seepage			11.00
84C: Flagler	. 4		 Somewhat limited Seepage			11.00
85C:	 		 		 	
Burkhardt	· -		Somewhat limited Seepage			11.00
50: Waukegan			 Somewhat limited Seepage			1 1.00
54: Aquolls	 Not rated		 Not rated	 	 Not rated	

Butler County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes, and levees			ls
			 Rating class and limiting features 			
377B: Dinsdale			 Somewhat limited Piping			1 1.00
77C2: Dinsdale	 - Somewhat limited Seepage	1 1 1 1 1 1 1 1 1 1	 Somewhat limited Piping 	1 1 1 1 1 1 1 1 1 1	 Very limited Deep to water 	1 1.00
82: Maxfield	 - Somewhat limited Seepage 		saturated zone			 0.30 0.10
891B: Clyde	 - Very limited Seepage 	11.00	 Very limited Depth to saturated zone	 1.00	 Somewhat limited Cutbanks cave 	0.10
Floyd		 1.00	 Somewhat limited	0.98	Deep to water	 0.25 0.10
94: Ostrander	 - Somewhat limited Seepage		 Somewhat limited Piping 			11.00
94B: Ostrander	 - Somewhat limited Seepage		 Somewhat limited Piping		•	1 1.00
94C: Ostrander	 - Somewhat limited Seepage		 Somewhat limited Piping			11.00
94C2: Ostrander	 - Somewhat limited Seepage		 Somewhat limited Piping			1 1.00
98: Tripoli	 - Somewhat limited Seepage	0.70		1.00	 Somewhat limited Slow refill	10.30
					'	0.10

Butler County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes levees	, and	Aquifer-fed excavated pond	ls
			Rating class and limiting features		-	
99: Readlyn			 Somewhat limited Depth to saturated zone Piping	0.43 0.16	 Somewhat limited Slow refill Deep to water Cutbanks cave	 0.30 0.25 0.10
04: Thorp			Depth to saturated zone	1.00	 Somewhat limited Slow refill Cutbanks cave	 0.95 0.10
07B: Schley			. 4	1.00 0.05	 Somewhat limited Slow refill Cutbanks cave Deep to water	 0.30 0.10 0.01
08B: Olin	. =				Deep to water	 1.00
08C: Olin	-	1.00			Deep to water	11.00
12C: Sogn	 - Very limited Seepage Depth to bedrock	1.00	Thin layer		 Very limited Deep to water 	11.00
12F: Sogn	Seepage Depth to bedrock	11.00	Thin layer		 Very limited Deep to water 	1 1.00
28B: Ely	•		Depth to saturated zone	0.43	Deep to water	 0.30 0.25 0.10

Butler County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes levees	, and	Aquifer-fed excavated pond	ls
			Rating class and limiting features 			
30: Ackmore		0.70 	Depth to saturated zone Piping	11.00	 Somewhat limited Slow refill Cutbanks cave	 0.30 0.10
57: Du Page	, 4		İ	 	 Very limited Deep to water 	1 1 1 1 1 1 1 1 1 1
85: Spillville	. 4		 Somewhat limited Piping	0.70	•	 0.81 0.10
85: Spillville	 - Very limited Seepage 		 Somewhat limited Piping 	0.70	 Somewhat limited Deep to water Cutbanks cave	 0.81 0.10
Coland	 - Very limited Seepage 	 	Depth to Saturated zone Piping Seepage	1.00 0.29 0.09	İ	 0.10
21: Houghton			 Very limited Content of organic matter	1.00 1.00	 Somewhat limited Cutbanks cave 	 0.10
62D: Mt. Carroll	Seepage		 Somewhat limited Piping 			1 1.00
62D3: Mt. Carroll	Seepage				 Very limited Deep to water 	1 1.00
62F: Mt. Carroll			Piping		 Very limited Deep to water 	 1.00

Butler County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes levees	, and	Aquifer-fed excavated pond	ls
			Rating class and limiting features		'	
662F3: Mt. Carroll			Piping			 1.00
713B: Winneshiek	 	11.00	 Somewhat limited Thin layer Piping	0.86	Deep to water	11.00
714B: Winneshiek		11.00	 Somewhat limited Thin layer 			11.00
733: Calco	 - Somewhat limited Seepage - 	0.70	Depth to saturated zone	11.00	 Somewhat limited Slow refill Cutbanks cave	0.30
71B: Waubeek	 Somewhat limited Seepage		 Somewhat limited Piping		 Very limited Deep to water	1 1 1 1 1 1 1 1 1 1
77: Wapsie	· · · · · · · · · · · · · · · · · · ·		 Somewhat limited Seepage 			11.00
77B: Wapsie			 Somewhat limited Seepage		•	1 1.00
'81B: Lourdes	•			•	Deep to water	 0.95 0.81 0.10
81C2: Lourdes	•				Deep to water	 0.95 0.81 0.10

Butler County, Iowa

Map symbol and soil name	Pond reservoir ard 	eas	Embankments, dikes levees 	, and	Aquifer-fed excavated pond	ls
	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	
782B: Donnan	•	 0.70 	 Somewhat limited Depth to saturated zone	0.86	 Somewhat limited Slow refill Cutbanks cave	 0.95 0.10
782C2: Donnan		 0.70 	 Somewhat limited Depth to saturated zone 	 0.86 	Deep to water Somewhat limited Slow refill Cutbanks cave Deep to water	0.06 0.95 0.10 0.06
783B: Cresco		 0.70 	 Somewhat limited Piping 	 0.50	 Somewhat limited Slow refill Deep to water Cutbanks cave	 0.95 0.81 0.10
783C: Cresco		 0.70 	 Somewhat limited Piping 	 0.50	 Somewhat limited Slow refill Deep to water Cutbanks cave	 0.95 0.81 0.10
783C2: Cresco	•	 0.70 	 Somewhat limited Piping 	 0.50	 Somewhat limited Slow refill Deep to water Cutbanks cave	 0.95 0.81 0.10
784B: Riceville		 0.05 	 Somewhat limited Depth to saturated zone Piping	 0.43 0.01		 0.95 0.25
798B: Protivin	 Somewhat limited Seepage 	 0.70	 Somewhat limited Depth to saturated zone Piping	0.43	 Somewhat limited Slow refill	 0.95 0.25
976: Raddle	 Somewhat limited Seepage	 0.70	 Very limited	 	Cutbanks cave Very limited	0.10 1.00

Butler County, Iowa

Map symbol and soil name	Pond reservoir areas 		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features		Rating class and limiting features			
976B: Raddle	 Somewhat limited Seepage		 Very limited Piping		 Very limited Deep to water	1 1 . 00
981B: Worthen	 Somewhat limited Seepage		 Somewhat limited Piping		 Very limited Deep to water	1 1.00
1585: Spillville	 Very limited Seepage		 Somewhat limited Piping 			 0.81 0.10
Coland	 Very limited Seepage 		saturated zone Piping	11.00	 	 0.10
5010: Pits, Sand And Gravel		 	 Not rated 	 	 Not rated 	
5030: Pits, Limestone Quarry	 Not rated 	 	 Not rated 	 	 Not rated 	
5040: Orthents	 Not rated		 Not rated 	 	 Not rated 	
N: Water	 Not rated 		 Not rated 		 Not rated 	